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AMENDMENT AND RESPONSE TO OFFICE ACTION

(c) using the measurement obtained in step (b) to modify continued or subsequent application of acoustic energy to the [biological materials] cells or tissues during the treatment as needed to enhance the treatment.

3. (twice amended) The method of claim 1 wherein the acoustic energy is effective to alter permeability of the [biological materials] cells or tissues to a chemical or biological agent selected from the group consisting of peptides, proteins, sugars, polysaccharides, nucleotides, polynucleotide molecules, synthetic organic compounds, synthetic inorganic compounds, endogenous organic compounds, endogenous inorganic compounds and combinations and aggregates thereof.

5. (amended) The method of claim 3 wherein the chemical or biological agent is delivered to cells or [tissue] tissues.

7. The method of claim 1 wherein the acoustic energy is administered to kill cells.

8. (amended) The method of claim 1 wherein the [biological materials] cells or tissues are made more permeable by the exposure to acoustic energy.

9. (twice amended) The method of claim 8 wherein the [biological materials] cells or tissues are made partially or completely reversibly permeable.

10. (amended) The method of claim 1 wherein the [biological materials are] acoustic energy is applied to biological membranes.

11. (amended) The method of claim 1 wherein the [biological material] tissue is skin.

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12. (amended) The method of claim 1 wherein the acoustic energy is applied to [biological materials] cells or tissue in an amount effective to disaggregate or dissociate the [materials] cells or tissue.

13. (amended) The method of claim 1 wherein the [biological materials are] tissues are blood vessels.

17. (twice amended) The method of claim 1 wherein the acoustic energy is applied under conditions to effect cavitation within or on the surface of the [biological materials] cells or tissues.

18. (amended) The method of claim 1 further comprising administering an agent to enhance transport within or permeability of the [biological materials] cells or tissues.

26. (Three times Amended) A device comprising

(a) means for treating cells or [biological materials] tissue by administering acoustic energy to the cells or [biological materials] tissue at a first site to alter permeability, cell viability or structural integrity of [biological materials] cells or tissues at a second distant site [at one or more frequencies];

(b) means for measuring a property or the effect of the acoustic energy during the treatment with acoustic energy; and

(c) means for using the measurement of the property of the acoustic energy to modify continued or subsequent application of acoustic energy to the [biological materials] cells or tissues at the first site during the treatment as needed to enhance the treatment of the cells or tissues at the second distant site.